

CHANGES ITEMS.

Charm, Oct. 3—Summer with her charming charms of birds, flowers and fruits has bidden us adieu, and I regret to say "the melancholy days have come," but autumn has her charms also. Life is generally what we make it.

Mr. G. A. Chaires, who took his summer outing at Niagara Falls, is expected home to-day. He reports the numerous hotels at this famous resort crowded, which proves how excessively warm it has been. Mr. Chaires did not visit the Pan-American Exposition, as he intended, on account of his health. The hosts of friends of this substantial citizen hope that he may live many years yet. He will be accompanied by his daughter, Miss Annie, who has been a resident of New York for several years.

Mrs. E. C. Smith, wife of our esteemed commissioner, is visiting her son at Boston, Ga.

Miss Mayme Davis, who has been on several weeks' visit to Mrs. Ma-

nn, near here, departed Sunday for her home in Jacksonville.

The enterprising Patterson Brothers have been making the latest improvements on their gin in order to better prepare the fleecy staple for market. The number of bales ginned up to this time last year was far in advance of the number this year, but the farmers hope to make up in price what they lack in quantity. Hope is a powerful stimulus in any occupation.

The corn crop throughout this section is also distressingly short, corn now being from 60 to 75 cents per bushel. We do not believe there is any danger of starving in this country, and we are trying to obey the old adage "never trouble trouble until trouble troubles you."

Fleming & Son have recently opened up a large stock of goods in their store. This, together with their turpentine and farming interests, should bring them in a good deal of money. Mr. Brown Mason has been employed to clerk for Mr. Fleming.

Mr. Bob Ferrell is now one of Mr.

George Patterson's salesman.

The public school at this place is progressing nicely, the pupils entering upon their studies with the determination to banish illiteracy from their midst. Chaires can boast of some of the brightest children to be found anywhere. Who knows but what some day these little boys will hold the reins of government and some of these little girls grace executive mansions.

Not many of our citizens have yet returned from the Pan-American, consequently this correspondent has not gleaned very much from there. The saddest memories will always linger around Buffalo, as it was here the nation was called to give up its beloved President, one whose character was truly worthy of emulation. But to live in hearts we leave behind is not to die. Perhaps the Ruler of the universe in His mysterious way will yet overrule this tragedy for our national good.

Mr. Arthur Cox has resigned his position as agent of the S. A. L. depot here to take a business course, in order to better equip himself for the business world. The office here is closed and occasions much inconvenience to the public. It is rumored that it will be reopened shortly.

Mr. Williams is wearing broad smiles this week. His wife returned Sunday from an extended visit to her parents, Dr. and Mrs. Rivers, of Newport, which releases him from his duties of keeping bachelor's hall.

The camp meeting held here annually by the colored people closed Sunday night. It was poorly attended this year, and they report a dull time. A good many of the white people attended several times.

OBSERVER.

Don't think that your liver needs treating if you are bilious. It doesn't. It's your stomach. That is, your stomach is what causes the biliousness. It has put your liver out of order.

See what's the matter with your stomach.

Sick stomach poisons liver and then there's trouble. Shaker Digestive Cordial cures stomach and then all's well. That's the case in a nutshell.

Shaker Digestive Cordial is no secret. Formula on every bottle. But it's the simple, honest way it's made, the honest Shaker herbs and other ingredients of which it is composed, that make it so efficacious.

Any real case of indigestion and biliousness can be cured with a few bottles of Shaker Digestive Cordial. Try it.

Sold by druggists, price 10 cents to \$1.00 per bottle.

IAMAION LOCALS.

Bismarck.

Mr. J. B. Cline, who came through the neighborhood last spring getting the names of the dead of each family, returned last week, bringing with him memorial tablets, set in neat frames and containing the names of the dead of each family, with ages printed on the tablets. They looked very neat and cost \$3.50 each, framed. He succeeded in selling most of the tablets which had been filed.

Miss Pauline Costa opened school at Strickland September 30, Monday. Mr. Cook, we hear, was expecting to resume his school near Bethpage on the same day.

Edgar Strickland returned to Atlanta, Ga., last Monday to attend his medical lectures again.

Miss Emma Dixon, who has been visiting her sister, Mrs. Eldredge Atkinson, has returned to her home in Brooks county, Ga.

John E. Dickey has had his residence neatly covered recently.

The way they do to get their houses covered so speedily is they get the shingles, etc., on one ground ready, ask their neighbors to come over and help them cover, give them a big dinner, and in one or two days the house is covered, and no money to be paid out. We like that style.

There is considerable travel on the public roads, mainly fish wagons, wagons hauling cotton to gin, commercial travelers, sporting men, collectors and the people of the country riding about.

We think that sickness is slowly decreasing in this part of the country.

Master Willie Murray spent the day yesterday, with his parents and returned to Thomasville to-day. He clerks for Mr. Hut Cave, of the last-named city. He is a clever boy.

To Mountain and Sea Shore Resort.

Before completing arrangements for your summer trips or deciding upon places at which to spend the summer, you should call on Ticket Agents and Passenger Representatives of the Seaboard Air Line Railway. They are specially prepared to furnish information as to lowest rates, quickest schedules and most attractive routes to the Mountain Resorts in Western North Carolina and Southwest Virginia, also to the Seashore Resorts of Ocean View, Virginia Beach, Old Point Comfort, the great Eastern Resorts along the Jersey Coast and other popular places reached via the Seaboard Air Line Railway. This Company is offering lower rates than ever with perfect train service and fast through schedules. It will interest and benefit you to call on Seaboard Air Line Railway Agents.

"Pitt's" Carminative

is not recommended Pitt's Carminative too strongly. I must say, I owe my baby's life to it.

I earnestly ask all mothers who have sickly or delicate children just to try one bottle and see what the result will be. Respectfully,

Mrs. LIZZIE MURRAY, Johnson's Station, Ga.

Pitt's Carminative

is sold by all Druggists. PRICE, 25 CENTS.

A SLIGHT MISUNDERSTANDING.

Pete was cross. He had tipped over his chair, fallen on to the floor and hurt his small head so that, to keep him from hurting it still more, Mrs. Spilkins had done it up carefully in a handkerchief and, after tying it tightly, had made a noose of it and hung it around his neck. Pete looked on, all the time in amazement, stared blindly, and screamed whenever he wanted to pound and couldn't.

Mr. Spilkins came in the next night cross. His favorite in the horse race had been beaten and he had lost his \$500. Pete had also lost the dollar he had bet with Mrs. Spilkins.

Mrs. Spilkins alone remained serene in the midst of all these disasters, and those of the previous day, as mentioned at the close of our last chapter.

Mr. Spilkins came in the house, threw off his coat, shoes, hat, and then proceeded to wash up ready for supper. After wiping his face and hands, he sat down in a chair for a few minutes and seemed wrapped in silence. Then he electrified Mrs. Spilkins by exclaiming suddenly:

"I think, marm, we will sell out next week and go to New York."

"Sir!" remarked Mrs. Spilkins, "did I hear you right?"

"I expect you must have," growled Mr. Spilkins, "I said that I thought we should sell out next week and go to New York."

"Sir!" said Mrs. Spilkins, very severely, "I, sir, I repeat it, I, sir, shall remain. You can go to New York next week, sir, if you wish to go, but, I, sir, shall remain in the bosom of the family." Then Mrs. Spilkins burst into a flood of tears and refused to be comforted.

A man is always helpless when a woman falls to crying. He can stand almost any amount of ordinary abuse but no man fully understands a woman's tears. Mr. Spilkins felt the force of these circumstances and began to grow uneasy.

"I tell you, marm, it's no use of crying."

No answer.

"I said that I should sell out next week and go to New York." A long pause, as if Mr. Spilkins was waiting to see the effect of his concession.

Still no answer.

"That I thought if I sold out I should go to New York," continued Mr. Spilkins.

"Brute!" sobbed Mrs. Spilkins. "That if I sold out my interest in the Haynes property," said Mr. Spilkins, now beginning to see a way out of his incautious speech, "I should go to New York next week."

Mrs. Spilkins stopped crying and sobbed only occasionally, and looked up. Mr. Spilkins now saw his way clear, and a bright thought struck him, so he said:

"So, you see, marm, if we sell out we, not I alone, but we, will go to New York."

Mrs. Spilkins stopped sobbing, dried her eyes with her handkerchief, and even ventured to smile feebly.

"And from there we will go to Buffalo and see the exposition, marm, see the exposition."

By this time his spouse had her eyes dried and beaming, the last ray of the evening sun flashed through the window and sent a warm glow about the room, and even Pete was serene enough to give a gleeful screech. Half an hour later, when the cook had spread the table and brought the tea in, there were no signs of the previous storm, and the evening passed in an unusually pleasant manner. Mr. Spilkins explained full his plans, and it was decided to go to the Pan-American and to take Pete and the nurse with them. Mr. Spilkins was to know fully by the end of the week if the property was to be sold, and the arrangements for leaving town could easily be made and in a very short time. These things explained and talked over occupied the best part of the evening. Before retiring for the night Mrs. Spilkins had decided to have a candy pull for the young folks of the village on the following Saturday afternoon. While Mrs. Spilkins attended to her sewing, Mr. Spilkins very absent-mindedly picked up an old pair of glassless spectacles, and, perfectly unaware of the fact that the glasses were gone, settled himself serenely to read his evening's paper.

"What a comfort a good pair of spectacles are," said Mr. Spilkins, after reading for some time in silence.

"Yes," sighed Mrs. Spilkins, "but you must not depend upon them too much, my dear."

"Umph," replied Mr. Spilkins, "when you do get anything you can depend upon you cannot depend upon it too much," and Mr. Spilkins continued for some time to read with the eyeless glasses, and then carefully took them down, wiped his eyes with his handkerchief, and folding up the glasses, carefully put them in his pocket. Mrs. Spilkins was almost asleep, nodding, in fact, thinking of the property sale he was about to make.

"I don't think the trip will be very expensive," said Mrs. Spilkins, going on with her sewing.

"\$5,000," said Mr. Spilkins, referring to the property, "and commission."

"Mercy sakes, what did you say?" "Fifteen per cent., as usual."

"But I don't understand."

"No, of course not," said Mr. Spilkins, waking up, "if we take the night express and a sleeper we'll understand perfectly."

Mrs. Spilkins saw that Mr. Spilkins was too sleepy to talk intelligently, so she said no more. As neither understood what the other was talking about, and it was getting late, it was decided to retire.

(To be continued.)

SAVES TWO FROM DEATH.

"Our little daughter had an almost fatal attack of whooping cough and bronchitis," writes Mrs. W. K. Haviland, of Armonk, N. Y., "but when all other remedies failed, we saved her life with Dr. King's New Discovery. Our niece, who had consumption in an advanced stage, also used this wonderful medicine and to-day she is perfectly well." Desperate throat and lung diseases yield to Dr. King's New Discovery as to no other medicine on earth. Infalible for coughs and colds. 50c. and \$1.00 bottles guaranteed by all druggists. Trial bottles free.

Hard Luck.

Dashaway—Miss Pinkerly told me the other day that her doctor had put her on a meager diet, and I thought it would be just the time to ask her out to luncheon.

Clevertown—And did she accept?

"Did she? Well, I should say so. She informed me that there was one day in the week that he allowed her to eat anything she pleased."—Detroit Free Press.

"For three days and nights I suffered agony untold, from an attack of cholera morbus brought on by eating cucumbers," says Mr. E. Lowther, clerk of the district court, Centerville, Iowa. "I thought I should surely die, and tried a dozen different medicines, but all to no purpose. I sent for a bottle of Chamberlain's Colic, Cholera and Diarrhoea Remedy and three doses relieved me entirely." This remedy is for sale by Wright & Bro. and all medicine dealers.

The Doctor's Prophecy.

A party of gentlemen, including Professor Bailey and Hector Roberts, a divine widely celebrated for his wit and the audacity of his puns, were crossing the campus of a well known university.

The reverend gentleman, commenting on the fact of his recent elevation to the greater dignity and the assumption of the more resounding title of a canon of the church, exclaimed, "And now that I am a canon I suppose I shall be a bigger bore than ever."

JOB COULDN'T HAVE STOOD IT.

If he'd had itching piles. They're terribly annoying; but Bucklen's Arnica Salve will cure the worst case of piles on earth. It has cured thousands. For injuries, pains or bodily eruptions it's the best salve in the world. Price 25c. a box. Cure guaranteed. Sold by all druggists.

Cassava Growing and Starch Making in Florida.

The following estimates of the cost of erecting a starch factory to handle 50 tons of cassava roots per day (of 24 hours), making 18,000 pounds of starch per day, with an estimate of cost of culture and harvest, with probable results to farmer and manufacturer, are submitted. The estimates are conservative and well within bounds, both as to cost of factory and raw material, while the cultural charges are considerably higher than allowed by practical and competent growers. Properly and systematically managed, no business offers greater inducements to the capitalist and farmer than does the growth and manufacture of starch from cassava, an article of universal demand.

Cassava starch now sells for 4 cents per pound; the demand far exceeds the supply; no starch equals it for dextrin, nor for fine laundry work, while for culinary purposes it is superior to that made from corn, wheat or potatoes. No chemicals are used in its manufacture, and no fermentation required, hence it is peculiarly adapted for food, and is the base of the best tapiocas and similar foods. For particulars as to culture, yield and other details, see Bulletins Nos. 49 and 55 in the Florida Experiment Station, Lake City, Florida:

MANUFACTURING—ESTIMATE OF COST AND OPERATING.

\$50,000 Capital Stock—500 Shares, \$100 Each. Paid in as Follows:

25 Per Cent. on Subscribing, 25 Per Cent. in Three Months, 25 Per Cent. in Six Months, 25 Per Cent. Stock Dividend.

PERMANENT INVESTMENT.

Factory complete, with necessary ground, \$25,000 00

Working capital, 12,500 00

ANNUAL EXPENSES.

Manager, \$3,600 00

Superintendent and Engineer, 1,200 00

Clerk, 600 00

20 per cent. wear and tear depreciation, 2,500 00

3 per cent. insurance and taxes, 1,250 00

Reserve fund, incidental expenses, 3,350 00

Total actual cash required, \$37,500 00

Stock premium, 12,500 00

\$50,000 00

Running expenses during the "season" are estimated at 4 cent per pound of finished product, \$90.00 per day—practical experience shows this to be more than ample.

MANUFACTURER'S ESTIMATED BALANCE SHEET.

On basis of paying one-half the gross value of the product to the grower:

30 tons roots per day (yields 18 per cent. starch), \$720 00

30 tons, 18,000 pounds starch per day, 720 00

Gross value of product at 4 cents per pound, 720 00

One-half paid grower, 360 00

Cost to manufacture at 1/2 cent per pound, 90 00

Manufacturer's gross profit, 270 00

\$720 00

Season 90 days, \$270.00 gross profit per day, manufacturer's gross profit per season, 24,300 00

6 per cent. interest on \$37,500.00 invested, 2,250 00

Working capital replaced, 12,500 00

25 per cent. dividend on \$50,000.00 stock, 12,500 00

Undivided profits, 2,450 00

\$24,300 00

Total sum paid growers, \$32,400.00

Average value, \$7.20 per ton, 4,500 tons, 32,400 00

Average, 8 tons per acre, 562 1/2 acres, 4,500 00

Average \$57.60 per acre to grower, 25,900 00

MANUFACTURER'S ESTIMATED BALANCE SHEET.

Based on paying \$6.00 per ton delivered at factory:

30 tons roots per day at \$6.00, \$300 00

Manufacturing at 1/2 cent per pound, 90 00

Gross daily profit, 330 00

\$720 00

Gross value daily output 18,000 pounds at 4 cents, 720 00

Season 90 days, gross daily profit \$330.00, 29,700 00

6 per cent. on \$37,500.00, 2,250 00

Working capital replaced, 12,500 00

25 per cent. dividend on \$50,000.00, 12,500 00

Undivided profits, 2,450 00

\$29,700 00

Total sum paid growers, 4,500 tons at \$6.00, 27,000 00

Averaging 8 tons per acre, 562 1/2 acres, 27,000 00

Averaging \$48.00 per acre gross, 26,900 00

AGRICULTURAL ESTIMATED BALANCE SHEET.

Based on 10 acres, agricultural labor at 75 cents per day:

Seed, 8 percent, on \$25.00 value per acre cleared and fenced, \$20 00

Planting, \$2.00 per acre, 20 00

Harvesting, 50 cents per acre, 5 00

Fertilizer, 350 pounds per acre, 35 00

Seedling, distributing, 5 00

Planting, \$1.50 per acre, 15 00

Harvesting 4 times, at \$1.00 per acre, 40 00

Seed, first year only, \$2.50 per acre, 25 00

Total cost 10 acres ready to harvest, 185 00

Harvest and delivery to factory (\$1.00 ton), 90 00

\$275 00

Total cost 80 tons delivered at factory, 2,200 00

Average cost per acre to produce, 27 1/2 00

Average cost per acre to harvest, 8 00

Average cost per ton to produce, \$2.06 1/4

Average cost per ton to harvest and deliver, 1 00

Total cost to produce and deliver per ton, \$3.06 1/4

Net profit at \$6.00 per ton, 93 1/4 00

Net profits per acre, \$23 50

Cost per acre, 24 50

Gross returns per acre, \$48 00

AGRICULTURAL ESTIMATE.

100 ACRES. 100 00

Value of lands cleared and fenced, \$25.00 per acre, \$2,500 00

Improvements, 1,500 00

Permanent investment, \$4,000 00

Working capital, \$16.50 per acre, \$1,650 00

Cost of harvest, \$8.00 per acre, 800 00

Gross investment, \$6,450 00

Gross returns 800 tons at \$6.00, \$4,800 00

6 per cent. interest on permanent investment, 320 00

Working capital, returned, 1,650 00

Cost of harvest, returned, 800 00

40 per cent. on \$1,000.00 permanent investment, 1,000 00

Undivided profits, 430 00

\$4,800 00

These figures are considered conservative; are higher than any yet furnished by numbers of practical farmers. The yield is below what may be expected from conditions of fertilizing and culture indicated.

The yield of starch is placed at 18 per cent., under proper conditions and careful manipulation, a larger yield may be expected.

The value of the "by-products" of the factory for stock feed is not included in the estimate. The value of cassava for stock feed is much greater than its value for starch making. The farmer need not therefore depend on the factory solely for a market, nor need the factory depend solely on the starch consumer for a customer.

Cassava roots yield 30 per cent. of dry flour or meal, equal to the best wheat meal—500 pounds of flour or meal per ton of roots, or three barrels, worth as much as wheat flour as a food and fully equal to it in appearance and quality, when properly manufactured. A starch factory can be used as a flour mill at little additional expense; the profits to the grower and miller are about the same in one case as the other.

Cassava meal or flour contains: Protein, 2.59 per cent.; fat, 0.55 per cent.; amide acid sugars, 15.96 per cent.; potash, 0.90 per cent., and phosphoric acid, 0.24 per cent., necessarily lost in starch making. As food for man and beast cassava flour is superior to corn meal, and compares favorably with wheat.

For producing beef, pork and milk it is equalled by few feed stuffs, and is superior to many. For work stock, horses, mules and oxen it equals corn, fed as a root or as a dried product. Dried and ground it will keep indefinitely as does meal or flour.

One good "hand" can cultivate 20 acres, with some help in planting. Harvest requires extra labor.

The estimates for yields per acre and per cent of starch are conservative—30 tons of roots per acre, with 22 per cent. starch contents are by no means rare with the liberal culture and fertilizing indicated. The results estimated may be expected under ordinary conditions.

The estimates for cost of factory and manufacture of starch are made from direct tenders to construct and deliver in running order, complete in all respects, the factory under full guarantee by responsible bidders to do the work indicated at a cost not to exceed the sums mentioned.

N. B.—A factory of one-half the above capacity can be erected for two-thirds the cost, \$16,000. The cost of management will not be decreased, while running expenses will be but little less than for the larger plant. The manufacturing cost will be practically double that of the larger plant per pound of finished starch.